

# **CONFIGURATION MANAGEMENT and FLEET READINESS DIVISION Interim FLSIC *'State of the Union'***

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## **SEA 04L5 CM AND FLEET READINESS DIVISION**

# **Overview**

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  - FY 02 Financials
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# SCLISIS Core Business

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- Sole authoritative source of HM&E, Ordnance, Electronic configuration information for systems installed in Navy Fleet
- Foundation of all maintenance/logistics products necessary to sustain ships during deployment
- Ships Force dependent on configuration data to:
  - Ensure spares readily available
  - Keep systems operating to performance requirements
  - Ensure that logistics products match prime systems installed
- SCLISIS process sends CSMP data to TYCOMs MRMS
  - CKs sent to CDMs
  - 2Ks brokered by Port Engineers for Work Package Planning
- Perform Validations/Audits to improve configuration data integrity
- Users of SCLISIS process include: Maintenance and Material Management (3M) activities, Warfare Centers, NSAs, PEOs/SPMs, CDMs, ISEAs, FTSCs, regional maintenance facilities and NAVICP
- Number one customer and recipient of SCLISIS process is the Fleet

# Fleet Voice

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- VADM Nanos-CDMD-OA *mandate as single CM data repository, AIT msg to preload planning data, ERP priority*
- VADM LaFleur-Maritime *allowance concerns*
- RADM Carnevale-FM ESC (6 step improvement plan), Battle Group Audits, CM perception
- RADM Soderberg-TMA/TMI, General CM, allowances
- RADM Baugh-ERP, SCLISIS No. 2 program in SEA 04 for rake up funds
- TYCOMs-NSA Change Reporting concerns

# Operational Plan

## CM Improvement Plan (Six Steps)

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- 1 Improving Communications *“Understand CM Problems and ways to improve”*
- 2 Conducting Continuous Assessments *“Identify Weaknesses and Best Practices”*
- 3 Identifying CM Tools Effectiveness *“Identify the # of Stove Piped databases”*
- 4 Increasing CM Training opportunities *“emphasis on computer/web based training”*
- 5 Managing CM Data in an ERP Environment *“Enter once...use many times”*
- 6 Developing Meaningful Metrics *“Gathering the right data”*

# Operational Plan Status

SEA 04L5 CM IMPROVEMENT STEP	ACCOMPLISHED	ON HORIZON
<b>Communication</b>	Community 'buy-in' for software East/West validation process concur FM ESC briefed on 6 steps CM Policy updates	FLSIC, ISMSR, CM ERP IPT, CM Forum, NSA (Phase 2), CDM/ISEA Working Group FMP ESC, FM ESC, etc... (Fleet participation)
<b>Continuous Assessments</b>	Phase A CDM Cert/Assess complete One Battle Group Config Audit NSA Phase A Assess completed	ISEA Assessment Battle Group Audit (in process) Root cause analysis Regional Logistics Solution (Port Logistician)
<b>CM Tools Effectiveness</b>	CDMD-OA Mandate Software prototype	Consistent Edit checks betw CDMD-OA and OMMS NG Software load across Fleet ERP Phase A implementation
<b>CM Training</b>	CM website established Update of SCLSIS Training at Athens CDMD-OA Help File enhancements CDMD website-CDMD-OA CBT	CM CBT on CM website CM II Certification
<b>CM Data in ERP</b>	CM ERP IPT established Core critical data elements identified Desk top audits	Progressive Purification of data Data mapping into SAP ERP Phase A implementation SAP Training
<b>Meaningful Metrics</b>	Number & type of transactions processed CDM backlog Number & type of errors generated from CDMD-OA edit checks Results of DBRs CDMD-OA Helpdesk Activity	BG configuration audit status CM impact on supply effectiveness CM impact of not playing ASI Time between ASI request/creation and run TAT/Number of ISEA CM Records rejected by CDM Number & type of unsupported installs (FMP)

# SCLSIS Program Tasking

No.	Configuration Management & Readiness: SCLISIS Program Product / Service	(\$000)	(\$000)	In Service Engineering	Training	Technical Data	Maintain Databases	Software/Hardware Enhancements	CMDO&R&DDOM Help Desk	CMDO&R&DDOM Training	CMV&G&S&N&P&N&E Interface	Provide CSA	Electron/Ordnance Nomenclature	Configuration Control Board	Completeness and Accuracy of SCLIS	Database Reconciliation	Process 47900K6	Class Functional File Maintenance	Hard Copy V&A/Aids & Electronic DB Files	Physical Site Validate Equip/Sys	Extract and Distribute ASI Products	Provide CDM Support	Enforce CDM Policies	ERP	Veterfront Support
	FY 02 O&MN	RQMT	Funded	ELEMENTS OF COST																					
SCLISIS		15,399	8,131																						
1	SCLISIS	15,399	8,131	Y	R	R	Y	Y	G	Y	Y	G	R	R	Y	G	G	R	Y	G	G	Y	Y	R	R

# FY 02 Priorities

CDMD-OA

CSA

CDMs (DBRs/CKs)

ASI processing (RAD)

FTSC Validations

Help desk

ISEA Assessments

Database Maintenance

Hardware/Software Upgrades

OMMS NG/SNAP/NDE Interface

SCLSIS Accuracy

Validations (TOMCAT)

CDM Support

Streamline CM Policy

Business Process Reengineering

- ERP

- Tech Data

- Training

Waterfront Support

- TYCOM/ILO

- Regional Logistics  
(Port Logistician)

- Tech Analysis/Troubleshooting

CCB

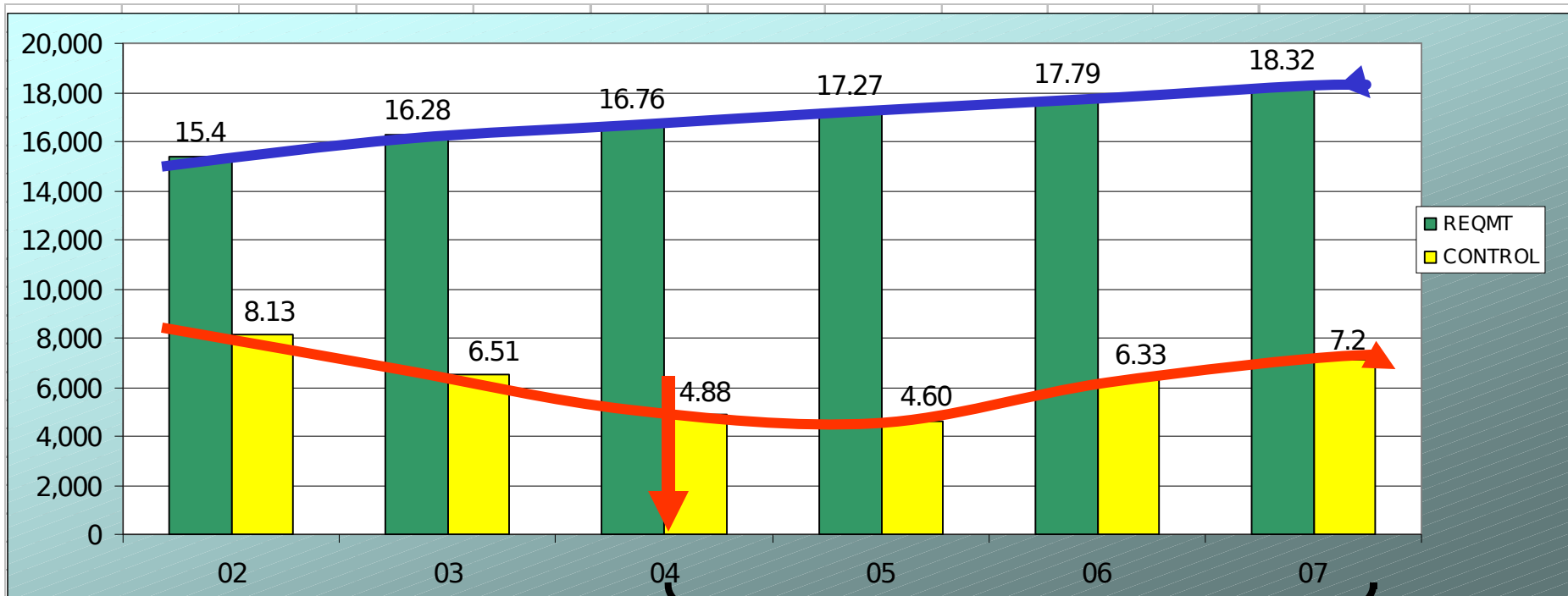
NICs (Elect/Ord Nomenclature)

Class Functional File (CFF)

Meaningful Metrics



# SCLSIS Funding Profile



*Critical funding shortages/impacts starting in FY 04*

\$ K	FY02	FY03	FY04	FY05	FY06	FY07
Current Controls	8,131	6,513	4,882	4,597	6,325	7,150
Requirements	15,399	16,280	16,769	17,272	17,790	18,324
Shortfall (Delta)	-7,268	-9,767	-11,887	-12,675	-11,465	-11,174

RESOURCE SPONSOR: N43

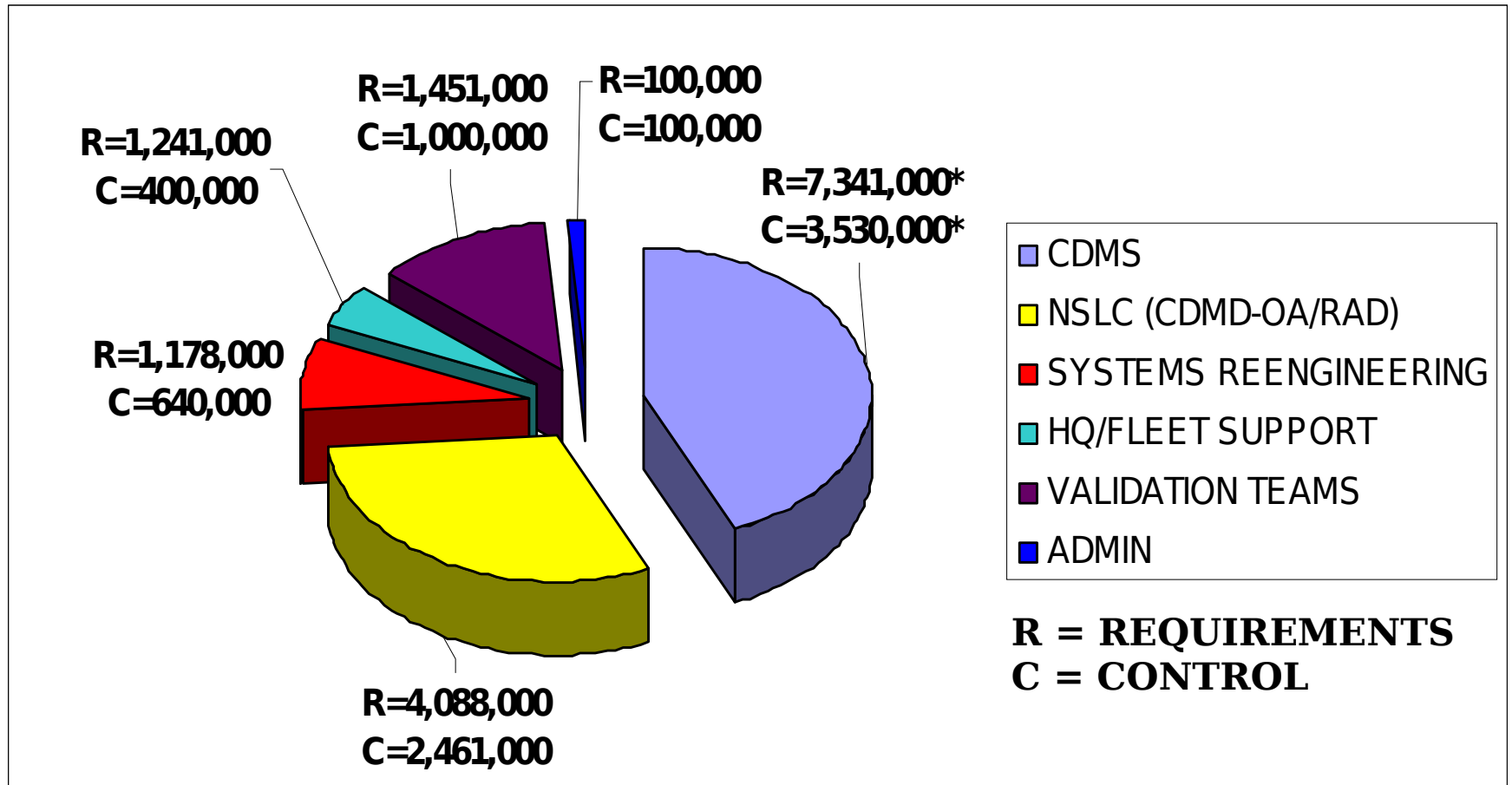
FUNDING TYPE: O&M,N

**Projected Funding Shortfalls**

9

# Financials FY 02

## TOTAL FY 02 O&M, N CONTROL

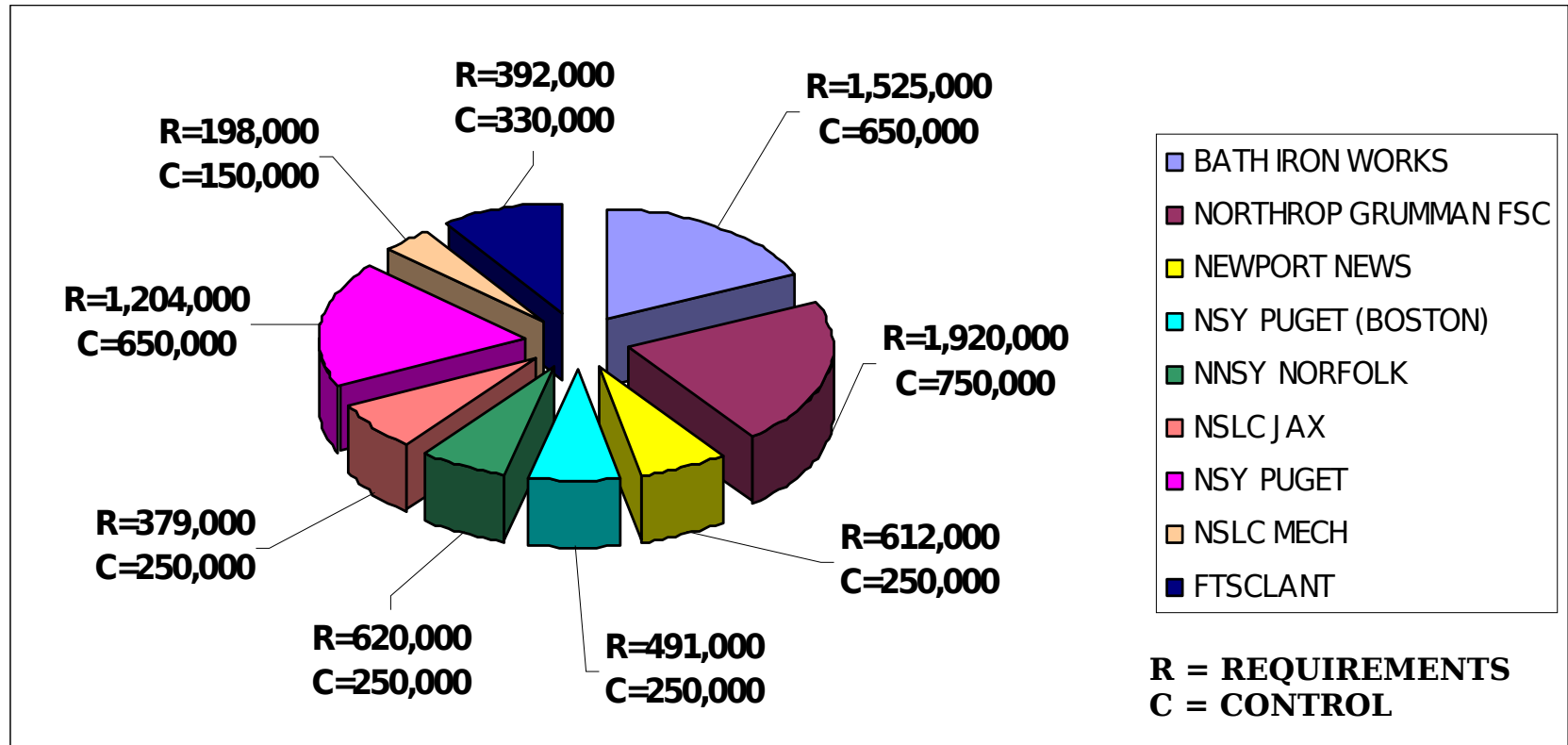


**\*Note: SEA 04L5 is still working the final FY 02 numbers for**

**Requirements (Total \$15,399,000)**

**Control (Total \$ 8,131,000)**

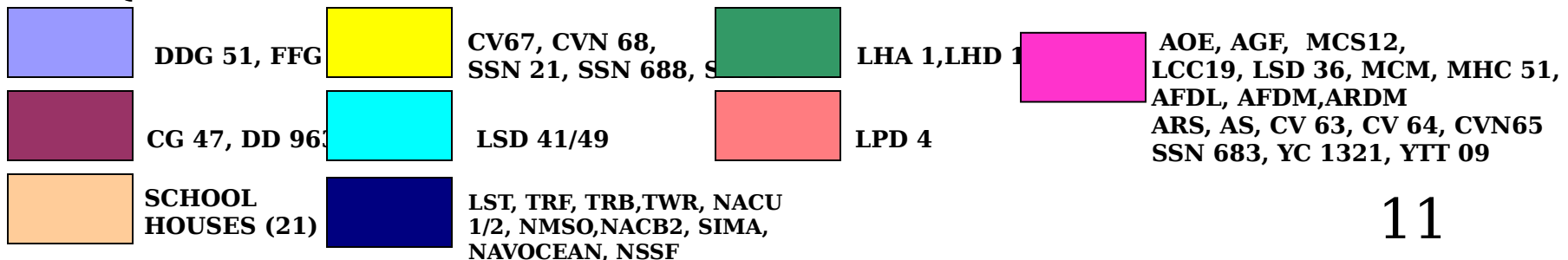
# FY 02 CDM Funding Controls



**SEA 04L5 is still working the final FY 02 numbers for CDM**

**REQUIREMENTS = \$ 7.341M**

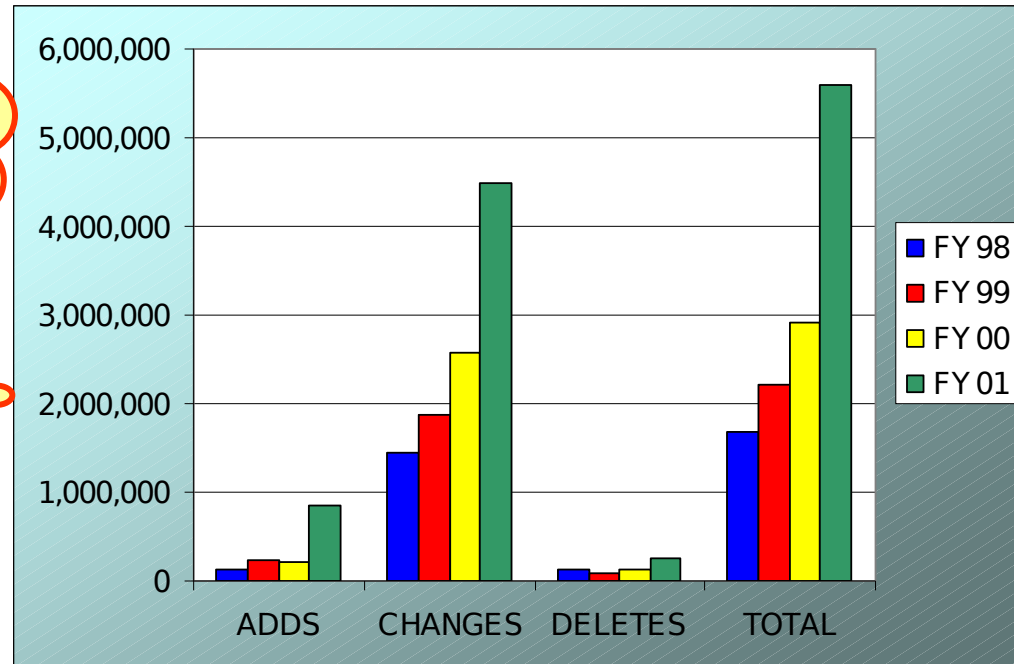
**CONTROL = \$ 3.0M**



# CM Data Churn

CDMS process an average of 3.12M transactions/year

*Note: As CDMD-OA enhancements are made, overall CDMs transactions have increased over the last four years. (large increase in FY 01 due to Newport News-CVN taking over as CDM from NNST.)*

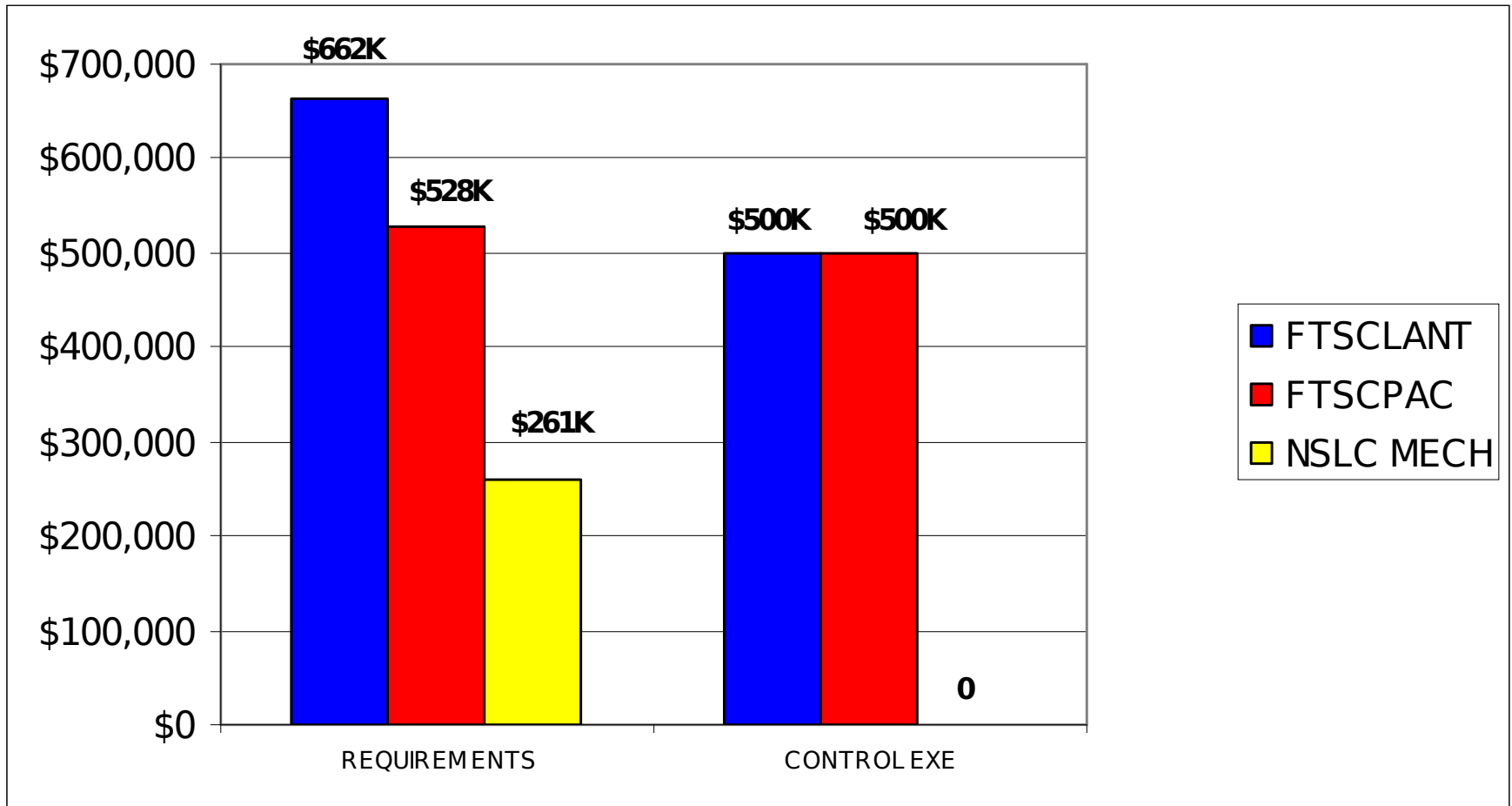


	FY 98	FY 99	FY 00	FY 01
<b>ADDS</b>	<b>119,707</b>	<b>229,591</b>	<b>210,600</b>	<b>843,752</b>
<b>CHANGES</b>	<b>1,440,275</b>	<b>1,878,498</b>	<b>2,578,273</b>	<b>4,479,957</b>
<b>DELETES</b>	<b>124,055</b>	<b>95,111</b>	<b>122,429</b>	<b>262,222</b>
<b>TOTALS</b>	<b>1,684,037</b>	<b>2,203,200</b>	<b>2,911,302</b>	<b>5,585,931</b>
<b>ACTIVE SHIPS</b>	<b>286</b>	<b>269</b>	<b>256</b>	<b>257</b>

**Note:** Active ships exclude Trident (SSBNs) and MSC ships which do not use CDMD-OA

Active ships are listed by Calendar Year vice Fiscal Year

# FY 02 Validation Financials



**Total FY 02 O&M, N = \$ 1M**

# Unfunded Impacts

Risk of decreased ship configuration accuracy

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- Raises cost of maintaining Logistics Support
- Increases probability of ship procuring incorrect spare and repair parts
  - **Increases shipboard workload to correct supply deficiencies**
- Lack of current Tech Manuals/PMS to support maintenance
  - **Increases shipboard workload to determine correct requirements for Tech Manuals/PMS**
- Impacts ability to correctly calculate outfitting allowance parts for Ships, Equipment and Systems
- Battle Group Interoperability (software)
  - **Lack of communication or system compatibility within Battle Force**

# Unfunded Impacts (Cont.)

Risk of decreased ship configuration accuracy

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- Decreases shipboard configuration validation efforts
  - Increases infrastructure costs to validate and verify configuration and correct allowances (High Value review)
- Inability to transition clean CM data in preparation for ERP migration
  - ERP multiply negative effect of erroneous data (load once/use many)
- Negative impact to CDM review and processing of CM data
  - Increases backlog and delay receipt of config data onboard ship

Bottom Line: *There is a direct correlation between CM and ship supportability...direct impact to Fleet Readiness*



# Summary

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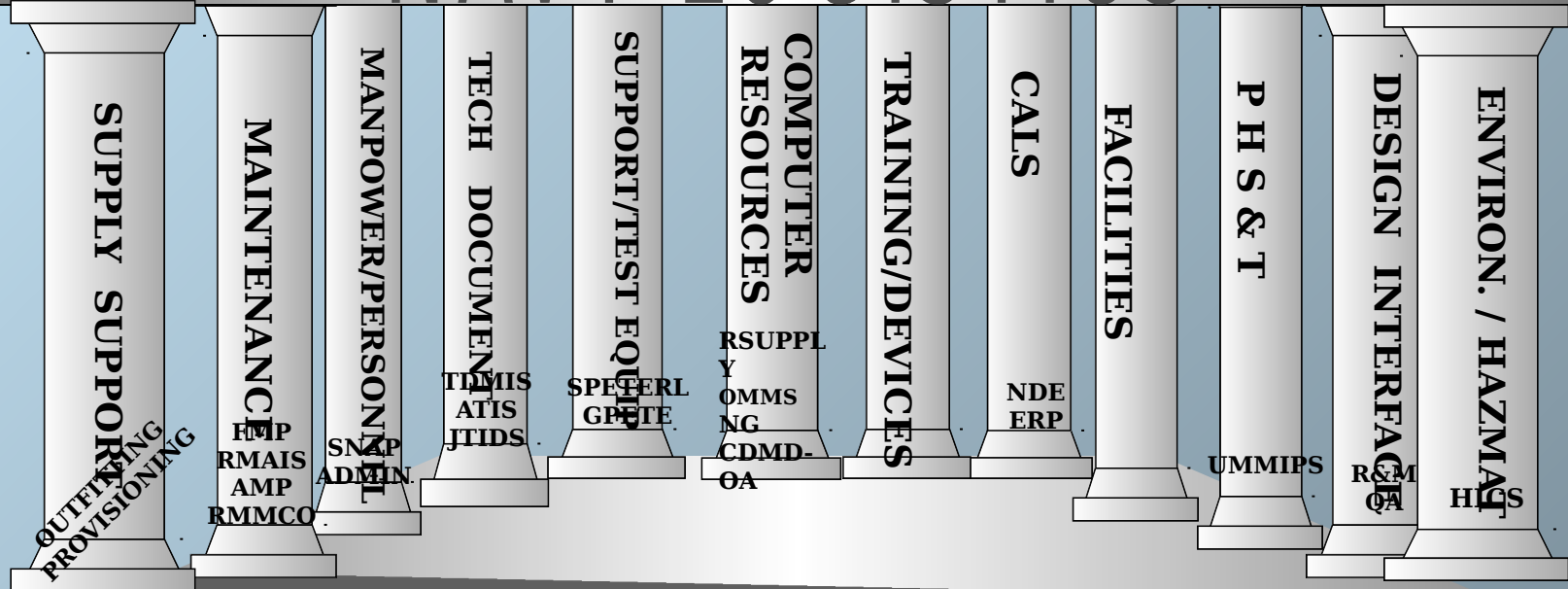
- *Fleet continues to have perception that CM process is broken*
- *Drivers include:*
  - *Long history of SCLSIS funding shortfalls*
  - *Lack of adherence to the rules combined with uncontrolled access to our ships are contributing factors to Fleet CM accuracy complaints*
  - *Lack of enforcement has allowed continued CM accuracy deterioration*
  - *Lack of education and training in CM Process*
- *OPNAV's position is for SEA 04 to rank our priority programs to compete for scarce resources*
- *What is the Fleets position?...We need Fleet support at the budget table*



**Configuration Management is the foundation on which all Integrated Logistics Support (ILS) is built**



# NAVY LOGISTICS



**ERP**

**CONFIGURATION MANAGEMENT**